

SEQUENCE LISTING

<110> National Institute of Advanced Industrial Science and Technology

<120> The support having affinity to antibody

<130> 341-02845

<140>

<141>

<160> 10

<170> PatentIn Ver. 2.1

<210> 1

<211> 70

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Protein for antibody immobilization

<400> 1

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 1          5          10          15
Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
 20          25          30
Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ala Glu Ala
 35          40          45
Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala
 50          55          60
Asp Asp Asp Asp Asp Asp
 65          70
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<210> 2

<211> 128

<212> PRT

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Protein for antibody immobilization

<400> 2

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Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
 1          5          10          15
Leu Asn Met Pro Asn Leu Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln
 20          25          30
Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
 35          40          45
Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
 50          55          60
Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
 65          70          75          80
Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
 85          90          95
Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
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Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
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<210> 3
<211> 128
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Protein for
antibody immobilization

<400> 3
Ala Asp Asn Asn Phe Asn Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile
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20 25 30
Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45
Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60
Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80
Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95
Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
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Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
115 120 125

<210> 4
<211> 128
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Protein for
antibody immobilization

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20 25 30
Ser Leu Lys Asp Asp Pro Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala
35 40 45
Lys Lys Leu Asn Glu Ser Gln Ala Pro Lys Ala Asp Asn Asn Phe Asn
50 55 60
Lys Glu Gln Gln Asn Ala Phe Tyr Glu Ile Leu Asn Met Pro Asn Leu
65 70 75 80
Asn Glu Glu Gln Arg Asn Gly Phe Ile Gln Ser Leu Lys Asp Asp Pro
85 90 95
Ser Gln Ser Ala Asn Leu Leu Ser Glu Ala Lys Lys Leu Asn Glu Ser
100 105 110
Gln Ala Pro Lys Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp Asp
115 120 125

<210> 5

<211> 12
<212> PRT
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:Linker peptide

<400> 5
Gly Gly Gly Gly Cys Ala Asp Asp Asp Asp Asp
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<210> 6
<211> 216
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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<210> 7
<211> 390
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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cctaacttaa acgaagaaca acgcaatggt ttcattccaaa gcttaaaaga tgacccaagc 120
caaagtgcata acctattgtc agaagctaaa aagttaaatg aatctcaagc accgaaaggt 180
gataacaatt tcaacaaaga acaacaaaat gctttctatg aaatcttgaa tatgcctaac 240
ttaaacgaag aacaacgcaa tggtttcata caaagcttaa aagatgaccc aagccaaagt 300
gtaaacctat tgtcagaagc taaaaagtta aatgaatctc aagcaccgaa aggtggcggc 360
ggctgcgctg atgacgatga cgatgactaa 390

<210> 8
<211> 302
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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tctatgaaat cttgaatatg cctaacttaa acgaagaaca acgcaatggt ttcattccaaa 180
gcttaaaaga tgacccaagc caaagtgcata acctattgtc agaagctaaa aagttaaatg 240
aatctcaagc accgaaaggt ggcgggtgct gcgctgatga cgatgacgat gactaagaat 300
tc 302

<210> 9
<211> 476
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence:DNA coding
protein for antibody immobilization

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tctatgaaat cttgaatatg cctaacttaa acgaagaaca acgcaatggt ttcattccaaa 180

gcttaaaaga tgaccaagc caaagtgcta acctattgtc agaagctaaa aagttaaatg 240
aatctcaagc accgaaagct gataacaatt tcaacaaaaga acaacaaaat gctttctatg 300
aaatcttgaa tatgcctaac ttaaacgaag aacaacgcaa tggtttcatc caaagcttaa 360
aagatgacc c aagccaaagt gctaacctat tgtcagaagc taaaaagtta aatgaatctc 420
aagcaccgaa aggtggcggg ggctgcgctg atgacgatga cgatgactaa gaattc 476

<210> 10

<211> 74

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Additional DNA
sequence for gene expression

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aaggaggaac gact 74